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| 5  | appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications. |   |  |   |  |   |  |   |  |
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|  | CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  21036 7590 10/18/2005   |   |  | PE  | Note: A<br>Fee(s)<br>papers.<br>have its | Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. |  |   |  |
|  | MCLEOD & MOYNE, P.C.<br>2190 COMMONS PARKWAY<br>OKEMOS, MI 48864  |   | DEC 2 7 2005   |   | \  | Con   | rtificate of Mailing or Tran                                     |   |  |
| 12/  | 28/2005 RFEKADU2 0000   | / I _   |  |   | mmi L.                                   | Taylor  | (Depositor's name)   |   |  |
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|  | APPLICATION NO.   | FILING DATE   | FIRST NAMED INVENTOR   |   |  | ATTORNEY DOCKET NO.   | CONFIRMATION NO.   |   |  |
|  | 10/634,908  | 08/05/2003  | Brage Golding  |   |  | MSU 4.1-596   | 7369   |   |  |
|  | TITLE OF INVENTION: H   | OND AND DIAM  | OND NUCL   |   | <sup>1</sup> 2/29/2005<br>01 FC:8001     | HDEMESS2 00000024 13<br>30.00 DA  | 0610 10634908  |   |  |
|  | APPLN. TYPE   | APPLN. TYPE SMALL ENTITY ISS  |  | EE  | PUBLICAT                                 | TION FEE  | TOTAL FEE(S) DUE   | DATE DUE  |  |
|  | nonprovisional  | YES   | \$700  |   | \$30                                     | 00  | \$1000   | 01/18/2006  |  |
|  | EXAMINER  |   | ART UNIT   |   | CLASS-SU                                 | BCLASS  |  |   |  |
|  | HITESHEW, FELISA CARLA 172  |   |  |   | 117-07                                   | 75000   |  |   |  |
|  | 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.                                   |   |  | 2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. |  |   |  |   |  |
|  | 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment.   |   |  |   |  |   |  |   |  |
| (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)  |   |   |  |   |  |   | UNTRY)   |   |  |
| Board of Trustees of East Lansing, Michigan 48824 Michigan State University  Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Govern  4a. The following fee(s) are enclosed:  4b. Payment of Fee(s): |   |   |  |   |  |   |  |   |  |
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|  | 5. Change in Entity Status  | Change in Entity Status (from status indicated above)   |  |   |  |   |  |   |  |
|  | a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27.   |   |  |   |  |   |  |   |  |
|  | The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the receipt  | is requested to apply the Issue Publication Fee (if required) words of the United States Pate   | ue Fee and Publicat<br>will not be accepted<br>ent and Trademark | tion Fee (if and I from anyon Office.   | ny) or to re-apply<br>e other than the a | any previousl<br>applicant; a regi  | y paid issue fee to the applic<br>stered attorney or agent; or t | ation identified above.<br>the assignee or other party in |  |

20,931 Ian C. McLeod Registration No. Typed or printed name This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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12/22/2005